SEQUENCE LISTING

<110> Francisco et al.

<120> RECOMBINANT ANTI-CD30 ANTIBODIES AND USES THEREOF

<130> 9632-006

<160> 32

<170> FastSEQ for Windows Version 3.0

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<220>
<221> CDS
<222> (1)...(351)

<400> 1

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Gln Ile Gln Leu Gln Gln Ser Gly Pro Glu Val Val Lys Pro Gly Ala
 1               5                  10                  15

tca gtg aag ata tcc tgc aag gct tct ggc tac acc ttc act gac tac      96
Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asp Tyr
            20                  25                  30

tat ata acc tgg gtg aag cag aag cct gga cag gga ctt gag tgg att     144
Tyr Ile Thr Trp Val Lys Gln Lys Pro Gly Gln Gly Leu Glu Trp Ile
        35                  40                  45

gga tgg att tat cct gga agc ggt aat act aag tac aat gag aag ttc     192
Gly Trp Ile Tyr Pro Gly Ser Gly Asn Thr Lys Tyr Asn Glu Lys Phe
    50                  55                  60

aag ggc aag gcc aca ttg act gta gac aca tcc tcc agc aca gcc ttc     240
Lys Gly Lys Ala Thr Leu Thr Val Asp Thr Ser Ser Ser Thr Ala Phe
65                  70                  75                  80

atg cag ctc agc agc ctg aca tct gag gac act gct gtc tat ttc tgt     288
Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val Tyr Phe Cys
                85                  90                  95

gcg aac tat ggt aac tac tgg ttt gct tac tgg ggc caa ggg act cag     336
Ala Asn Tyr Gly Asn Tyr Trp Phe Ala Tyr Trp Gly Gln Gly Thr Gln
            100                 105                 110

gtc act gtc tct gca                                                351
Val Thr Val Ser Ala
        115
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<210> 2
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<212> PRT
<213> Mus musculus

<400> 2
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1 5 10 15
Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asp Tyr
20 25 30
Tyr Ile Thr Trp Val Lys Gln Lys Pro Gly Gln Gly Leu Glu Trp Ile
35 40 45
Gly Trp Ile Tyr Pro Gly Ser Gly Asn Thr Lys Tyr Asn Glu Lys Phe
50 55 60
Lys Gly Lys Ala Thr Leu Thr Val Asp Thr Ser Ser Ser Thr Ala Phe
65 70 75 80
Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val Tyr Phe Cys
85 90 95
Ala Asn Tyr Gly Asn Tyr Trp Phe Ala Tyr Trp Gly Gln Gly Thr Gln
100 105 110
Val Thr Val Ser Ala
115

<210> 3
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<212> DNA
<213> Mus musculus

<400> 3
gactactata taacc 15

<210> 4
<211> 5
<212> PRT
<213> Mus musculus

<400> 4
Asp Tyr Tyr Ile Thr
1 5

<210> 5
<211> 51
<212> DNA
<213> Mus musculus

<400> 5
tggatttatc ctggaagcgg taatactaag tacaatgaga agttcaaggg c 51

<210> 6
<211> 17
<212> PRT
<213> Mus musculus

<400> 6
Trp Ile Tyr Pro Gly Ser Gly Asn Thr Lys Tyr Asn Glu Lys Phe Lys
1 5 10 15
Gly

<210> 7

<211> 24
<212> DNA
<213> Mus musculus

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<210> 8
<211> 8
<212> PRT
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<400> 8
Tyr Gly Asn Tyr Trp Phe Ala Tyr
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<210> 9
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> CDS
<222> (1)...(333)

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Asp Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ala Val Ser Leu Gly
1 5 10 15

cag agg gcc acc atc tcc tgc aag gcc agc caa agt gtt gat ttt gat 96
Gln Arg Ala Thr Ile Ser Cys Lys Ala Ser Gln Ser Val Asp Phe Asp
20 25 30

ggt gat agt tat atg aac tgg tac caa cag aaa cca gga cag cca ccc 144
Gly Asp Ser Tyr Met Asn Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
35 40 45

aaa gtc ctc atc tat gct gca tcc aat cta gaa tct ggg atc cca gcc 192
Lys Val Leu Ile Tyr Ala Ala Ser Asn Leu Glu Ser Gly Ile Pro Ala
50 55 60

agg ttt agt ggc agt ggg tct ggg aca gac ttc acc ctc aac atc cat 240
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Asn Ile His
65 70 75 80

cct gtg gag gag gag gat gct gca acc tat tac tgt cag caa agt aat 288
Pro Val Glu Glu Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Ser Asn
85 90 95

gag gat ccg tgg acg ttc ggt gga ggc acc aag ctg gaa atc aaa 333
Glu Asp Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
100 105 110

<210> 10
<211> 111
<212> PRT

<213> Mus musculus

<400> 10

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Asp Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ala Val Ser Leu Gly
 1               5                  10                  15
Gln Arg Ala Thr Ile Ser Cys Lys Ala Ser Gln Ser Val Asp Phe Asp
            20                  25                  30
Gly Asp Ser Tyr Met Asn Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
        35                  40                  45
Lys Val Leu Ile Tyr Ala Ala Ser Asn Leu Glu Ser Gly Ile Pro Ala
    50                  55                  60
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Asn Ile His
65                  70                  75                  80
Pro Val Glu Glu Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Ser Asn
                85                  90                  95
Glu Asp Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
            100                 105                 110
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<210> 11
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<212> DNA
<213> Mus musculus

<400> 11

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<210> 12
<211> 15
<212> PRT
<213> Mus musculus

<400> 12

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 1               5                  10                  15
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<210> 13
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<212> DNA
<213> Mus musculus

<400> 13

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gctgcatcca atctagaatc t                                              21
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<210> 14
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<212> PRT
<213> Mus musculus

<400> 14

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Ala Ala Ser Asn Leu Glu Ser
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<210> 15
<211> 27
<212> DNA
<213> Mus musculus

<400> 15

cagcaaagta atgaggatcc gtggacg 27

<210> 16
<211> 9
<212> PRT
<213> Mus musculus

<400> 16
Gln Gln Ser Asn Glu Asp Pro Trp Thr
1 5

<210> 17
<211> 375
<212> DNA
<213> Mus musculus

<220>
<221> CDS
<222> (1)...(375)

<400> 17
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tct ctg aga ctc tcc tgt gca act tct ggg ttc acc ttc agt gat tac 96
Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Phe Thr Phe Ser Asp Tyr
20 25 30

tat atg aac tgg gtc cgc cag cct cca gga aag gct ctt gag tgg ttg 144
Tyr Met Asn Trp Val Arg Gln Pro Pro Gly Lys Ala Leu Glu Trp Leu
35 40 45

ggt ttt att aga aac aaa gct aat ggt tac aca aca gag ttc agt gca 192
Gly Phe Ile Arg Asn Lys Ala Asn Gly Tyr Thr Thr Glu Phe Ser Ala
50 55 60

tct gtg atg ggt cgg ttc acc atc tcc aga gat gat tcc caa agc atc 240
Ser Val Met Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Gln Ser Ile
65 70 75 80

ctc tat ctt cag atg aac acc ctg aga gct gag gac agt gcc act tat 288
Leu Tyr Leu Gln Met Asn Thr Leu Arg Ala Glu Asp Ser Ala Thr Tyr
85 90 95

tac tgt gca aga gat ccc ccc tat ggt aac ccc cat tat tat gct atg 336
Tyr Cys Ala Arg Asp Pro Pro Tyr Gly Asn Pro His Tyr Tyr Ala Met
100 105 110

gac tac tgg ggt caa gga acc tca gtc acc gtc tcc tca 375
Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser
115 120 125

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<211> 125
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1 5 10 15
Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Phe Thr Phe Ser Asp Tyr
20 25 30
Tyr Met Asn Trp Val Arg Gln Pro Pro Gly Lys Ala Leu Glu Trp Leu
35 40 45
Gly Phe Ile Arg Asn Lys Ala Asn Gly Tyr Thr Thr Glu Phe Ser Ala
50 55 60
Ser Val Met Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Gln Ser Ile
65 70 75 80
Leu Tyr Leu Gln Met Asn Thr Leu Arg Ala Glu Asp Ser Ala Thr Tyr
85 90 95
Tyr Cys Ala Arg Asp Pro Pro Tyr Gly Asn Pro His Tyr Tyr Ala Met
100 105 110
Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser
115 120 125

<210> 19
<211> 15
<212> DNA
<213> Mus musculus

<400> 19
gattactata tgaac 15

<210> 20
<211> 5
<212> PRT
<213> Mus musculus

<400> 20
Asp Tyr Tyr Met Asn
1 5

<210> 21
<211> 57
<212> DNA
<213> Mus musculus

<400> 21
tttattagaa acaaagctaa tggttacaca acagagttca gtgcatctgt gatgggt 57

<210> 22
<211> 19
<212> PRT
<213> Mus musculus

<400> 22
Phe Ile Arg Asn Lys Ala Asn Gly Tyr Thr Thr Glu Phe Ser Ala Ser
1 5 10 15
Val Met Gly

<210> 23
<211> 42
<212> DNA
<213> Mus musculus

<400> 23
gatccccccct atggtaaccc ccattattat gctatggact ac 42

<210> 24
<211> 14
<212> PRT
<213> Mus musculus

<400> 24
Asp Pro Pro Tyr Gly Asn Pro His Tyr Tyr Ala Met Asp Tyr
1 5 10

<210> 25
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> CDS
<222> (1)...(333)

<400> 25
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1 5 10 15

cag agg gcc acc atc tca tgc agg gcc agc aaa agt gtc agt gca tct 96
Gln Arg Ala Thr Ile Ser Cys Arg Ala Ser Lys Ser Val Ser Ala Ser
20 25 30

ggc tat aat tat atg cac tgg tac caa cag aaa gca ggg cag cca ccc 144
Gly Tyr Asn Tyr Met His Trp Tyr Gln Gln Lys Ala Gly Gln Pro Pro
35 40 45

aaa ctc ctc atc cat ctt gca tcc aac cta gaa tct ggg gtc cct gcc 192
Lys Leu Leu Ile His Leu Ala Ser Asn Leu Glu Ser Gly Val Pro Ala
50 55 60

agg ttc agt ggc agt ggg tct ggg aca gac ttc acc ctc aac atc cat 240
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Asn Ile His
65 70 75 80

cct gtg gag gag gag gat gct tca acc tat tac tgt cag cac agt ggg 288
Pro Val Glu Glu Glu Asp Ala Ser Thr Tyr Tyr Cys Gln His Ser Gly
85 90 95

gag ctt cca ttc acg ttc ggc tcg ggg aca aag ttg gaa ata aaa 333
Glu Leu Pro Phe Thr Phe Gly Ser Gly Thr Lys Leu Glu Ile Lys
100 105 110

<210> 26
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<212> PRT
<213> Mus musculus

<400> 26

Asp Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ala Val Ser Leu Gly
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Gln Arg Ala Thr Ile Ser Cys Arg Ala Ser Lys Ser Val Ser Ala Ser
20 25 30
Gly Tyr Asn Tyr Met His Trp Tyr Gln Gln Lys Ala Gly Gln Pro Pro
35 40 45
Lys Leu Leu Ile His Leu Ala Ser Asn Leu Glu Ser Gly Val Pro Ala
50 55 60
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Asn Ile His
65 70 75 80
Pro Val Glu Glu Glu Asp Ala Ser Thr Tyr Tyr Cys Gln His Ser Gly
85 90 95
Glu Leu Pro Phe Thr Phe Gly Ser Gly Thr Lys Leu Glu Ile Lys
100 105 110

<210> 27
<211> 45
<212> DNA
<213> Mus musculus

<400> 27
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<210> 28
<211> 15
<212> PRT
<213> Mus musculus

<400> 28
Arg Ala Ser Lys Ser Val Ser Ala Ser Gly Tyr Asn Tyr Met His
1 5 10 15

<210> 29
<211> 21
<212> DNA
<213> Mus musculus

<400> 29
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<210> 30
<211> 7
<212> PRT
<213> Mus musculus

<400> 30
Leu Ala Ser Asn Leu Glu Ser
1 5

<210> 31
<211> 27
<212> DNA
<213> Mus musculus

<400> 31
cagcacagtg gggagcttcc attcacg 27

<210> 32

<211> 9
<212> PRT
<213> Mus musculus

<400> 32
Gln His Ser Gly Glu Leu Pro Phe Thr
1 5